

Run 2b Trigger in WBS-space

- Goal:
 - Realistic schedule that we can live with after baselining
 - Careful accounting of labor resources (engineers, techs, physicists, ...)
 - M&S cost embedded in schedule (no more M&S spreadsheet)
 - Sufficiently detailed Basis of Estimate (BOE) for both M&S and labor
 - Adequate contingency in both M&S and labor.
 - Freeze for Temple review by Mon, 29 July.

Field-by-Field instructions

- WBS number:
 - If new tasks are added, give them new numbers. We can renumber after all changes are in
- Task name:
 - Use “procure” for getting parts
- Duration
 - If there is “float”, include it explicitly (don’t artificially expand the task to cover the float)
- Labor cost:
 - Calculated automatically from resource loading and rates for the specific resources – don’t double-count in M&S
- Labor contingency factor:
 - Self explanatory?

Field-by-Field instructions

- M&S cost
 - Separate “procurement” tasks make the M&S assignment easier
 - So far, have used 70% of cost at procurement task, 30% at fabrication task. Specific tasks could be split differently according to BOE
- M&S contingency fractions:
 - Follow guidelines unless there is some specific reason to do otherwise (and explain in BOE)
- Institution:
 - Might need to split tasks in order to assign unique institution to a task (difficult for some integration tasks).
- Funding source:
 - INK-other means “in kind” support from something other than DOE or NSF resource (e.g. Saclay, State of Arizona, Michigan)
 - Base-NSF for equipment, personnel, etc. supported by NSF base grant funds, for example.

Field-by-Field instructions

- Resource name:
 - See list from Bill F.
- Notes:
 - WBS dictionary
 - Definition should be sufficiently precise to establish when the task is done (especially true with testing tasks)
 - Labor BOE
 - Most common current paraphrase “based on Run2a experience” – needs to be expanded (e.g. “based on the layout of the Run2a DFE”)
 - M&S BOE
 - Calculation for cost estimate
 - Backup materials for estimates (PO’s, quotes, etc.) get collected in binders